COMPANY SANITIZED

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July 13, 1994

88HQ 0794-

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Document Processing Center (TS-790)
Attention 8(e) Coordinator
Office of Pollution Prevention and Toxics
U.S. Environmental Protection Agency
401 M Street SW
Washington, D.C. 20460

8EHP-94-13112 44940000354 90 :3 UV 81 JUF 43

Dear 8(e) Coordinator:

Propane, 1,1,1,3,3-pentafluoro-CAS Registry Number 460-73-1

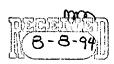
This letter is to inform you of the preliminary results of an acute inhalation study we recently conducted with this material.

Four mice per group were exposed to the test material by inhalation. Exposure to an atmospheric concentration of approximately 85,000 ppm for two hours caused hyperactivity, incoordination and a loss of response to sound. After the first two hours of exposure the concentration was increased to approximately 145,000 ppm for two hours. The respiration rate in the mice was reduced at the higher concentration. One mouse was found dead at the end of the exposure. The other three mice recovered within one hour after the end of the exposure and no clinical signs of toxicity were observed for the following four days. Mice exposed to approximately 50,000 ppm for four hours showed hyperactivity during the exposure, but recovered quickly after the end of the exposure.

The effects described above are being reported in accordance with the guidance given in the EPA TSCA Section 8(e) Reporting Guide (June, 1991). We do not, however, believe that the information described above reasonably supports a conclusion of "substantial risk".

The test material is a research chemical and the exposure potential is very limited. We are claiming [red bracket] the company name as confidential business information.

Sincerely,



' TSCA 8(e) Submission: Propane, 1,1,1,3,3-pentafluoro-CAS Registry Number 460-73-1

bcc: P.V. Tebo

M.H. Christman

B.U. Gravely

F.P. Mulherin (FP)

D.L. Klug (FP)

B.H. Minor (FP)

V.R. Rice

S.L. Fidance:

A.M. Kaplan

H.J. Trochimowicz

P.H. Lieder

D.A. Keller

Technical File

## Triage of 8(e) Submissions

NON-CAP

CAP

OCT 1 4 1994

Date sent to triage: \_\_\_\_

Submission number:	13112 A		TSC	CA Inventory:	Y	N	(D)
Study type (circle app	ropriate):						
Group 1 - Dick Cleme	ents (1 copy tota	ıi)					
ECO	AQUATO						
Group 2 - Ernie Falke	e (1 copy total)						
ATOX	SBTOX	SEN	w/NEUR				
Group 3 - Elizabeth M	Margosches (1 c	opy each)					
sтох	стох	EPI	RTOX	GTOX			
STOX/ONCO	CTOX/ONCO	IMMUNO	CYTO	NEUR			
Other (FATE, EXPO, Motes:  THIS IS THE ORIGI					DATAB	BASE E	ENTRY
entire documer Notes: Contractor revi	16	pages	ctor Use Only	pages			

COMMENTS: NO NO NO NO	<b>BETERMINE</b>	CAS SR NO	YES	TRIAGE DATA NON-CBI INVENTORY	0201 ONCO (HUMAN) 0202 ONCO (ANIMAL) 0203 CELL TRANS (IN VITRO) 0204 MUTA (IN VITRO) 0206 MUTA (IN VITRO) 0206 REPRO/IERATO (HUMAN) 0207 REPRO/IERATO (ANIMAL) 0210 ACUTE TOX. (HUMAN) 0211 CHR. TOX. (HUMAN) 0211 SUB ACUTE TOX (ANIMAL) 0214 SUB CHRONIC TOX (ANIMAL) 0215 CHRONIC TOX (ANIMAL)	CHEMICAL NAME:  (CHEMICAL NAME:  (CHEMIC
	REFER:	NO (CONTINUE)	YES (DROP/REFER)	ONGOING REVIEW	P F C 01 02 02 02 02 02 02 02 02 02 02 02 02 02	1   9   1   1   1   1   1   1   1   1
	нісн	MED	(LOW)		0216 EPUCLIN 0217 HUMAN EXPOS (PROD CONTAM) 0218 HUMAN EXPOS (ACCIDENTAL) 0219 HUMAN EXPOS (MONITORING) 0220 ECO/AQUA TOX 0221 ENV. OCCC/REL/FATE 0222 EMER INCI OF ENV CONTAM 0223 RESPONSE REQEST DELAY 0224 PROD/COMP/CHEM ID 0225 REPORTING RATIONALE 0226 CONFIDENTIAL 0227 ALLERG (HUMAN) 0239 METAB/PHARMACO (ANIMAL) 0240 METAB/PHARMACO (HUMAN)	INFORMATION REQUESTED: FLWP DATE:  0501 NO INFO REQUESTED: FLWP DATE: 0502 INFO REQUESTED (TECH) 0503 INFO REQUESTED (TECH) 0503 INFO REQUESTED (VOL ACTIONS) 0504 INFO REQUESTED (REPORTING RATIONALE) DISPOSITION: 0503 REFER TO CHEMICAL SCREENING 05078 CAP NOTICE  CAS#  LIVOCO —  CAS#
			The control of the co	_	P F C  INFORMATION TYPE:  01 02 04 0241 IMMUNO (ANIMAL) 01 02 04 0242 IMMUNO (HUMAN) 01 02 04 0243 CHEMPHYS PROP 01 02 04 0244 CLASTO (IN VITRO) 01 02 04 0245 CLASTO (ANIMAL) 01 02 04 0246 CLASTO (HUMAN) 01 02 04 0247 DNA DAMREPAIR 01 02 04 0251 MSDS 01 02 04 0251 MSDS 01 02 04 0299 OTHER 01 02 04 01 02 04 01 02 04 01 02 04 01 02 04 01 02 04	MAILUNTARY ACTIONS  (MAI) NO ACTION RIPORTI D  (
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8(e)				
8(E)-13112A				
	TRIAGE ASSESSMENT			
TOX CONCERN				
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TO CONCENTRATIONS OF 50,000 PPM FOR FOR 2 HOURS. 1/4 DIED DURING EXPOS	S LOW CONCERN. GROUPS OF 4 MICE WERE EXPOSED 2 4 HOURS, 85000 PPM FOR 2 HOURS OR 145,000 PPM 3 URE IN THE HIGH DOSE GROUP. CLINICAL SIGNS 4 ITY, INCOORDINATION AND LOSS OF RESPONSE TO 5 DUCED AT THE HIGH DOSE.			